

Vladut,N., ing.

Improving conditions of the cotton hackling process. Ind.text
Rum 12 no.7:273-275 Jl'61

1. Institutul de cercetari textile.

Vladut,N., ing.

Spinning of polyalcoholvinyl fibers. Ind text Rum 12 no.9:
360-362 S'61.

1. Institutul de cercetari textile.

OLTEANU, I.; VLADUT, N.

Possibilities of eliminating overnorm stock. Probleme econ 17
no.1:58-71 Ja '64.

VI-DUTA, Lavan.

PROCESSES AND PRODUCTS WITH

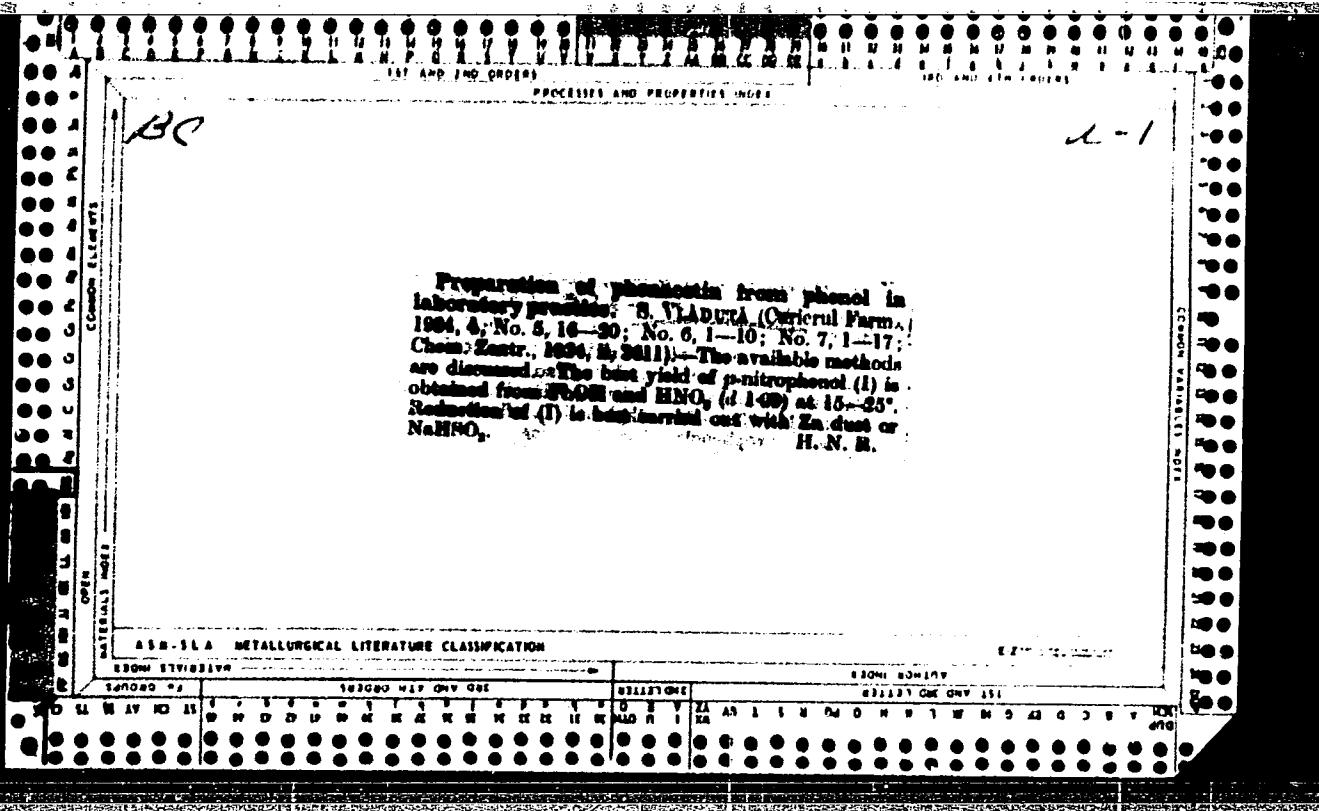
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The preparation of *p*-phenetidine starting with *p*-ethoxyacetanilide (phenacetin). A. Szwarc, L. J. Kuhn, and W. A. Moore, *J. Am. Chem. Soc.*, 61, 1218, 1939; *Chem. Zentralbl.*, 1939, I, 1218, cf. C. I., 29, 7303P. The saponification of phenacetin with KOH or HCl is described in detail. W. A. Moore

ASS.51A METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001860220014-7"



SARAGEA, M., conf; NEGRU, T., dr.; VLADUTIU, A., dr.; ROTARU, Natalia

Physiopathological mechanisms in immunopathology. Med. intern.
(Bucur) 17 no.6:651-658 Je'65.

1. Lucrare efectuata la Catedra de fiziopatologie a Institutul
medico-farmaceutic, Bucuresti (director: conf. M. Saragea).

SARAGHÀ, M.; NEGRI, T.; RIVARL, Ettalba; VIANETTI, A.; GIUCHI, P.

Serological studies of rabbits immunized with extracts of
Ricinus communis Linné (ricin). Stud. veneti. fiziol. 9
no. 5844,5-152 '64

SARAGEA, M., conf.; WAWERNIA, Ed., dr.; NEGRU, T., dr.; VLADUTIU, A. dr.

Electroencephalographic studies in experimental allergic encephalomyelitis. Med. intern. (Bucur.) 16 no.12:1439-1454
D '64

1. Lucrare efectuata la Catedra de fiziopatologie, Institutul medico-farmaceutic, Bucuresti.

SARAGEA, M.; CIOPOATARU, Margot; ROTARU, Natalia; NEGRU, T.; SICA, Mihaela;
VLADUTIU, A.

Biochemical changes in the central nervous system of animals with
experimental allergic encephalomyelitis. Fiziol. norm. pat. 11
no.3:243-250 My-Je '65.

1. Catedra de fiziopatologie, Institutul medico-farmaceutic, Bucuresti.

IANCU, A.; JAKOB, S.; DIVIN,M.; IANCU,A.,Jr.; SURIANI,T.; VLADUTIJU,V.

The EEG in pediatric dystrophy. Cesk. pediat. 19 no.6:528-529
Je'64.

1. Detska klinika university v Kluzi (prednosta: prof. dr. A.
Iancu); Neurochirurgicka nemocnice v Kluzi (reditel: dr. S.Jakob).

VLAUDIU, O.

Co-

The presence of estrogenic substances in some medical muds of Roumania. Marthe Trancz Rainer and Octave Vladimiu. *Bull. acad. med. Roumanie* 3, 817-22 (1938) (in French). Six Roumanian muds from Tekirghiol, Budaki, Lacul Sarat, Sovata, Basna and Vatra-Dornei were ext. with ether and benzene, and the yellow-brown, oily ext. dissolved in olive oil. One 5 cc. of this ext. divided into 3-6 doses was injected once or twice for 3 days in castrated rats and the vaginal secretions were examd. 11-21 days after the injection. The mud from Tekirghiol showed an estrogenous power of 20 rat-units or 200 mouse-units, those of Vatra-Dornei, Budaki, Basna, Sovata 60, 30, 20 and 15 mouse-units, resp. The action of the ext. from the mud of Tekirghiol was studied, furthermore, by the microscopic examn. of the uterine horns of castrated rabbits. George Nachod

11/1

ASH-31A METALLURGICAL LITERATURE CLASSIFICATION

VLDUTIU, ①.

(A)

11/1

The hormonal reaction of the uterine body in the white mouse. Marthe Traouadal-Ramez and Octave Vladutiu. *Bull. Acad. med. Roumaine* 3, 40-51 (1937) (in French). In the epithelium of the transverse canal connecting the cavities of the 2 uterine horns in infantile white mice, there is, on treatment with small doses of folliculin (injections or percutaneous), animal saliva or urine, urine of pregnant woman), an increase of the number of layers of cylindrical cells forming the epithelium from 2 to 3 and an augmentation of the number of cells in these layers. With larger doses the number of layers amounts to from 4 to 8 and the number of cells in them is doubled or trebled with more or less intense keratinization and desquamation. The presence of certain hormones in the saliva and urine of *Equus caballus*. *Ibid.* 51-4. The elimination of prolactin, progesterin, folliculin and intermedin in the saliva and the elimination of prolactin and progesterin in the urine of stallions before and after castration, and of pregnant and nonpregnant mares is studied by tests on immature female and castrated female mice and rats (33 animals, injections of saliva and urine) and on fins of *Phoxinus ferreri* (samples of about 7 cm. length). The histologic study of the test animals establishes the existence of mature follicles in the ovary without any estral modification of the mucous membrane of the genital tract and the presence of all phases of the estrus in one single vaginal mucous membrane.
George Nachod

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

100-110-120

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RUMANIA/Diseases of Farm Animals. Diseases Caused by
Helminths.

R

Abs Jour:Ref Zhur-Biol., No 15, 1958, 69492.

Author : Vladutiu, O.; Lungu, V.; Murgu, I.; Elidaru, T.
Inst : Institute of Agronomy "N. Balcescu"
Title : Surgical Treatment of Coenurosis in Sheep.

Orig Pub: Lucrarile Sesiunii stiint. Inst. agron. "N. Balcescu",
1955. Bucuresti, 1955, 1, 379-391.

Abstract: No abstract.

Card : 1/1

RUMANIA

VLADUTIU, C., Prof Dr, POLL, E., Veterinarian, BICA POPII, Vale-
ria, Dr, PAUL, I., Veterinarian, and MARINESCU, N., Veterinarian,
of the Faculty of Veterinary Medicine (Facultatea de Medicina
Veterinara), Bucharest.

"Investigations on Lamb Enzootic Polytenosinovites and Poly-
arthrites."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 13,
No 6, Jun 63, pp 50-59.

Abstract [Authors' English summary modified]: It is concluded
that these diseases are septico-pyemias produced by a strepto-
coccus of the viridans type. When injected intravenously in
lambs or adult sheep, this streptococcus produces the disease
within 48 hours. It was not possible to produce the disease
by administering the culture orally or by means of aerosol in-
halation. Most efficient treatment was Reverin followed by
polycillin and streptomycin. Disinfection and isolation of the
sick animals as well as early treatment are advised. Contains
11 figures and 9 references, of which 1 Russian, 3 German,
3 French and 2 Rumanian.

1/1

Vladychanskiy, A.N., dots.; LISUNOV, V., nauchn. red.

[Mechanization of the placement of fertilizers] Mekhani-
zatsiya vnesenia udobrenii. Stavropol', Stavropol'..
skoe knizhnoe izd-vo, 1964. 49 p. (MIRA 18:8)

1. Stavropol'skiy sel'skokhozyaystvennyy institut (for
Vladychanskiy).

VLADYCHENKO, I.

Glory to the tribe of miners. Sov.shakht. 10 no.8:7-9 Ag
'61. (MIRA 14:8)

1. Predsedatel' TSentral'nogo komiteta profsoyuza rabochikh
ugol'noy promyshlennosti.
(Coal miners)

VLADYCHENKO, I.

On the path toward the future. Sov. profsoiuzy 17 no.12:12-
14 S '61. (MIRA 14:8)

1. Predsedatel' Tsentral'nogo komiteta profsoyuza rabochikh
ugol'noy promyshlennosti.
(Coal mines and mining--Technological innovations)
(Socialist competition)

SHUMEYKO, G.; PIMENOV, P.; ORFANITSKIY, V.; VLADYCHENKO, I.; RYABOV, N.;
YEGORICHEV, A.; TARNOPOL'SKIY, A.; GURVICH, A.; USHATIKOV, N.,
profsoyuzny aktivist

Let's strengthen fraternal international connections. Sov.
profsoiuz 16 no.16:49-54 Ag '60. (MIRA 13:8)

1. Nachal'nik Tsentral'nogo turistsko-ekskursionnogo upravleniya
Vsesoyuznogo tsentral'nogo soveta profsoyuzov (for Shumeyko).
2. Predsedatel' TSentral'nogo komiteta profsoyuza rabochikh ugol'noy
promyshlennosti (for Vladychenko). 3. Sekretar' TSentral'nogo
komiteta profsoyuza rabochikh elektrostantsiy i elektropromyshlennosti
(for Ryabov). 4. Predsedatel' zavkoma Kuznetskogo metallurgicheskogo
kombinata (for Yegorichev). 5. Predsedatel' pravleniya Doma
kul'tury stroiteley "Oktyabr'" (for Tarnopol'skiy). 6. Predsedatel'
komissii po zarubezhnym svyazyam zavodskogo komiteta
stankostroitel'nogo zavoda imeni Sergo Ordzhonikidze (for Gurvich).
7. Avtomobil'nyy zavod imeni Likhacheva (for Ushatikov).
(Russia--Relations (General) with foreign countries)

VLADYCHENKO, I.

Among Japanese friends. Sov.shakht. 10 no.7:41-42 J1 '61.
(MIRA 14:8)

1. Predsedatel' TSentral'nogo komiteta profsoyuza rabochikh
ugol'noy promyshlennosti.
(Coal miners)
(Russia—Relations(General)with Japan)
(Japan—Relations(General)with Russia)

VLADYCHENKO, I.

A militant program--such are the decisions of the
congress. Mast.ugl. 9 no.5:1-2 My '60. (MIRA 13:?)

1. Predsedatel' TSentral'nogo komiteta profsoyuza rabochikh
ugol'noy promyshlennosti.
(Trade unions) (Coal mines and mining)

VLADYCHENKO, I.

Concentrate all forces on the fulfillment of the decisions of the congress. Sov.shakht. 11 no.1:2-3 Ja '62. (MIR 14:12)

1. Predsedatel' TSentral'nogo komiteta profsoyuza rabochikh ugol'noy promyshlennosti.
(Coal mines and mining) (Trade unions)

KHRUSHCHEV, N.S.; PODGORNYY, N.V.; ZASYAD'KO, A.F.; RUDAKOV, A.P.; KAZANETS, I.P.; SHILIN, A.A.; MEL'NIKOV, N.V.; BURMISTROV, A.A.; SHEVCHENKO, V.V.; MAYAKOV, L.I.; ROZENKO, P.A.; KUZ'MICH, A.S.; ZADEMIDKO, A.N.; BRATCHENKO, B.F.; STRUYEV, A.I.; KRASNIKOVSKIY, G.V.; BOYKO, A.A.; KAGAN, F.Ya.; USKOV, A.A.; VLADYCHENKO, I.M.; TOPCHIYEV, A.V.; DEGTYAREV, V.I.; KHUDOSOVTSEV, N.M.; GRAFOV, L.Ye.; IVANOV, V.A.; KRATENKO, I.M.; GOLUB, A.D.; IVONIN, I.P.; SAVCHENKO, A.A.; ROZHCHENKO, Ye.N.; CHERNEGOV, A.S.; MARKELOV, M.N.; LALAYANTS, A.M.; GAPONENKO, F.T.; POLUEKTOV, I.A.; SKLYAR, D.S.; PONOMARENKO, N.F.; POTAPOV, A.I.; POLYAKOV, N.V.; SUBBOTIN, A.A.; POLSTYANOY, G.N.; TRUKHIN, P.M.; TKACHENKO, A.G.; OSTROVSKIY, S.B.; NYRTSEV, M.P.; DYADIK, I.I.; SHPAN'KO, T.P.; RUBCHENKO, V.P.

Kondrat Ivanovich Pochenkov; obituary. Sov. shakht. 11 no.9:
48 S '62. (MIRA 15:9)
(Pochenkov, Kondrat Ivanovich, 1905-1962)

Vl. Myskina, 1964.

iners' efforts to create a material and technical base of
communism. Ugol' 39 no.5:4-8 My '64. (MIRA 17:8)

J. Prezidiatel' TSentral'nogo komiteta Professional'nogo
soyuza rabechikh ugol'noy promyshlennosti.

VLADYCHENKO, I.M.

For further improvement of working conditions of miners. Bezop.
truda v prom. 6 no.2:1-2 F '62. (MIRA 15:2)

1. Predsedatel' TSentral'nogo komiteta profsoyuza rabochikh
ugol'noy promyshlennosti.
(Coal mines and mining)

SERENKOV, G.P.; VLADYCHENSKAYA, N.S.

Investigation of nucleic acids in some species of algae. Nauch.
dokl. vys. shkoly; biol. nauki no.2:147-151 '62. (MIRA 15:5)

1. Rekomendovana kafedroy biokhimii rasteniy Moskovskogo gosudarstvennogo
universiteta im. M.V.Lomonosova.
(ALGAE) (NUCLEIC ACIDS)

TONGUR, V.S.; VLADYCHENSKAYA, N.S.

Isolation of RNA and DNA by Kirby-Georgiev phenol method.
Sovr. metod. v biokhim. 1:222-228 '64. (MIRA 18:5)

TONGUR, V.S.; VLADYCHENSKAYA, N.S.; ROMANOV, V.V.; VYSHEPAN, Ye.D.

Characteristics of RNA not extractable by pH 6,0 phenol from
Escherichia coli. Biul. eksp. biol. i med. 57 no. 2:65-68
F '64. (MIRA 17:9)

1. Laboratoriya biokhimii nukleinovykh kislot Instituta
biologicheskoy i meditsinskoy khimii AMN SSSR. Predstavlena
deystvitel'nym chlenom AMN SSSR V.N.Orekhovichem.

DANIL'CHENKO, Ye.P.; VLADYCHENSKAYA, V.V.; TALIYEVA, L.P.; YEROBKIN, I.Z.

Semiautomatic machine for drawing scales on syringe cylinders.
Stek. i ker. 19 no.1:33-34 Ja '62. (MIRA 15:3)

1. Mediko-instrumental'nyy zavod imeni Lenina.
(Syringes)

SOV/72-59-6-11/18

15(2)

AUTHORS:

Vladychenskaya, V. V., Zubkov, K. Ye.

TITLE:

Improved Construction of Molds for Pressing Plungers and
Bushings (Uluchshennaya konstruktsiya form dlya trambovaniya
plunzherov i bushingov)

PERIODICAL:

Steklo i keramika, 1959, Nr 6, pp 43 - 45 (USSR)

ABSTRACT:

In a number of glass-works the feeder plungers of automatic glass-molding machines are hand-made by the method of plastic molding although pressed plungers feature certain advantages. The authors of this article developed a new construction of molds for pressing plungers and bushings, i.e. the two-wing construction was replaced by a three-wing construction from which the product can be easier removed. Figure 1 illustrates the steel mold for pressing plungers, and figure 2 shows bushings, followed up by corresponding descriptions. The experiments were made with fire-clay-, kaolin-, and mullite layers, the compositions of which are given. Due to the introduction of the pressing method the output was increased by 1.5 times and the number of defective specimens was reduced. There are 2 figures.

Card 1/2

Improved Construction of Molds for Pressing Plungers and Bushings
SOV/72-59-6-11/18

ASSOCIATION: Solnechnogorskij stekol'nyy zavod (Solnechnogorsk Glass-Works)

Card 2/2

Vladychenskaya, V.V.

KOLDAYEV, B.G.; IVANOV, B.V.; Vladychenskaya, V.V.

Technology of producing high-alumina ceramic bars for tank furnace
lining. Ogneupory 22 no.3:340-345 '57. (MLRA 10:9)
(Refractory materials) (Glass furnaces)

DANIL'CHENKO, Ye.P., kand. tekhn. nauk; VLADYCHENSKAYA, V.V., inzh.;
TALIYEVA, L.P.; GUMILEVSKAYA, M.I.

Medical sterilizer made of pyroceramics with a current conducting
film. Stek.lker. 22 no.10:27 0 '65. (MIRA 18:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskikh
instrumentov i oborudovaniya.

VLADYCHENSKIY, S.A.

Accuracy of microscopic soil investigations. Vest.Mosk.un.
Ser.biol., pochv., geol., geog. 14 no.2:85-88 '59.
(MIRA 13:4)

1. Kafedra fiziki i melioratsii pochv, Moskovskogo gos.
universiteta.
(Soil structure)

Country : USSR
Category : Soil Science. Physical and Chemical Proper-
ties of Soils.

Abs Jour : RZhBiol., No 6, 1959, № 24591

Author : Vladychenskiy, S. A.
Inst :
Title : A Few Remarks about the Problem of Water-Re-
gime Types.
Orig Pub : Pochvovedeniye, 1958, No. 6, 118-119

Abstract : Refinement and classification of the water-re-
gime types, developed by A. A. Rode, is propo-
sed. Particularly, it is proposed to differen-
tiate the stagnant type of the water regime for
bog and boggy soils, the water-meadow type of
the water regime and the water-regime type of
sands and sand soils. -- S. A. Vladychenskiy

Card : 1/1

14

Name: VLADYCHENSKIY, Sergey Aleksandrovich
Dissertation: Soil-improvement characteristics of
the Volga-Aktyubin floodlands and the
Volga delta
Degree: Doc Biol Sci
Affiliation: not indicated
Defense Date, Place: 14 May 56, Council of Moscow Order of
Lenin and Order of Labor Red Banner
State U imeni Lomonosov
Certification Date: 6 Jul 57
Source: BMVO 18/57

VLADYCHENSKIY, S.A.

Effect of reservoirs on soils [with summary in English].
Pochvovedenie no. 9:70-79 '58. (MIRA 11:10)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
(Soils)
(Reservoirs)
(Water, Underground)

Vladychenskaya, V.V.
KOLDAYEV, B.G.; IVANOV, B.V.; VLADYCHENSKAYA, V.V.

Production of ceramic mullite beams for tank furnaces. Med.prom.
(MIRA 10:12)
11 no.9:54-58 S '57.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskogo
instrumentariya i oborudovaniya.
(GLASS FURNACES) (MULLITE)

VЛАДЫЧЕНСКАЯ В. В.

DISTRI: public

15

424 The meaning of the word *in* English idiomatic speech.

Micro-examination showed that these refractories have a structure different from that of normal products. A great number of the pores are very small, and these become rounded or irregularly shaped as a result of fusion over the network openings. These structures are called "fused network" or "fused network structure".

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001860220014-7"

VLADYCHENSKIY, S.A.; RYBINA, V.V.

E'ffect of moistening on the movement of liquids in sand. Nauch.
 dokl. vys. shkoly; biol. nauki no.1:197-201 '65.

1. Rekomendovana kafedroy fiziki i melioratsii pochv Moskovskogo
 gosudarstvennogo universiteta. (MIRA 18:2)

Fertiliser experiments with tobacco at the Goryache-Klyuchev Station for 1928-31. S. Vladimirovichenskii. State Inst. Tobacco Investigations (Krasnodar), No. 100, 3-23 (1933).—Summarising the results of 3 years of expts. V. draws the following conclusions: The sandy loam soils of the podzolic yellow earths show N in the first minimum, P₂O₅ in the second, and K₂O in the third. In the first period of its growth tobacco responds most to the P₂O₅ treatment. It also speeds up the following stage, hastens maturity and improves the quality. The addn. of 30 kg. of N per hectare increases the yield without injuring the quality. An increase of N to 80 kg. impairs the quality. Physiologically alk. and neutral fertilizers are better than acid fertiliser. The vegetation period is shortened by fertiliser addns. and acid fertilizers are best in this respect. Physiologically alk. fertilizers do not affect the quality, whereas the acid fertilizers decrease the assortment of the better grades. Addn. of lime may increase the yield, but frequently it gives neg. results. It is most effective with physiologically acid fertilizers. Org. fertilizers seem to be more effective both with regard to the quality and quantity of tobacco. Green manuring has also proved to be beneficial.

J. S. Joffe

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001860220014-7"

12

THE LOOSELY HELD ORGANIC SUBSTANCES AS A FACTOR OF THE FORMATION OF THE SOIL STRUCTURE. S. A. Vladchenko. *Sbornik Fiz.-Khim. Issledovaniya Pochv* 17:7387901 1938, 83, 104; *Khim. Referat. Zhur.* 1939, No. 7, 50. To 10 g. samples of mineral soils (krasnozem and podzol) in the presence and in the absence of CaCl_2 was added twice of a soln. of Na humate obtained from chernozem (the 1st fraction of humous substances). In the sample the connection between the humous substances and the mineral part of the soil was detd. from the amt. of the 1st and 2nd fractions of the org. substances of the soil. The aggregation was also detd. (by sieve analysis). It was detd. that in the presence of CaCl_2 the stability of the aggregates, obtained under the influence of the humous substances, increased considerably (from 7 to 33%). The org. substances alone increased the stability of the aggregates with comparatively large units of the added humate (at 3.47% of the humate the aggregation reached 99.1%). A part of the org. substances (up to 0.4%) passed over into the 1st fraction under the conditions of the exp't. with krasnozem and another part (up to 0.1% of humus) into the 2nd fraction. The remaining amt. was left behind in the 1st fraction. V. considers that there exists a relationship between the aggregation of the soil samples and the last fraction of the org. substances. W. R. Henn

CA.

Colloid-chemical properties of soil humus. Viscosity of humic acids. S. A. Vladchenko. Colloid J., 1958, No. 6, 681-691(1959). The difference in colloid-chemical properties of humic acids obtained from soils of various genetic types was investigated by measurement of viscosity. Humic acid sepd. from mountain peat soil had a comparatively high tendency to structure formation and binding of water, whereas that sepd. from black soil (chernozem) had very slight tendency to hydration and almost none to structure formation. A. A. Podkorny

Colloid chemical properties of activated waste water sludge. S. A. Vladychenskii. *Kolloid. Zhs.*, 9, No. 23-28 (1917).—Particles of activated sludge are negatively charged, their isoelectric point lying at pH 3.1-3.0. The viscosity of a sludge suspension reaches a min. of 1.74 at pH 4.5. Upon acidification the viscosity rises somewhat and upon further acidification drops again. Activated sludge is hydrophilic but not to a large degree. In high concns. activated sludge binds a considerable quantity of H_2O ; at 1.251% by wt. the H_2O bound by sludge was 82.5%. As the concn. dropped to 0.628% the bound H_2O dropped to 17.16%. The H_2O is immobilized by chem. solvation only to a small extent and most of it is locked by stereometric solvation, i.e., in the structure which the sludge assumes at higher concns. This structure is quite stable; it was not destroyed under 93 cm. H_2O pressure. Dye absorption by activated sludge was tested with an acid, a substantive, and a basic (methylene blue).

blue) dye. Methylene blue was the most absorbed and the substantive dye the least. The max. effective area of activated sludge calcd. from the absorption data was 103 sq.m. per g. M. Hosei

M. Hirsch

434.514 METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001860220014-7"

CA

15

Cationexchange properties of soil organic matter.
 S. A. Vladimirov. *Dokl. Akad. Nauk SSSR*, No. 112, No. 1, 29-33 (1947).
 Org. matter fractions were isolated by the Tyullin method from a solubilized chernozem. Fraction 1 was an org. mat. loosely held by the mineral component. Fraction 2 was more firmly held, and 3 was the most rapidly held. Fractions 1 and 2 were sol. in H_2O , and 3 in 0.01 N NaOH. The electromotive potential, as determined by electronboreas, of 2 was 64 and of 3 was 27. Soils of these fractions were coagulated with $CaCl_2$ with or without drying and with soils of $Fe(OH)_3$ with and without drying. The soils were washed with H_2O to remove the free electrolytes, treated with 1.1 N NaCl until all the Ca had been released, again washed with H_2O to remove electrolytes, and treated with 0.01 N, 0.01 N, and 0.1 N NaOH; in each sol. of org. matter was noted, the treatment was continued until a clear soln. was obtained. It is shown that gels obtained by the coagulation of org. matter with Ca^{2+} ions were capable of a secondary population. On exchanging the Ca with Na^+ , all the gels went into solution. On drying at 105° for 15 days, only 43% went into solution. The gels, obtained by the mutual coagulation of iron hydroxide gels with humus were found to be least soluble. One portion of org. matter is colloidal dispersed and water-sol. The second portion becomes sol. after treatment with NaCl, and it represents the fraction of free org. matter that can be coagulated by bivalent cations. The third fraction represents agglom. humates of Ca and $Fe(OH)_3$ and can be sol. only by treating the soil with alkali. The fourth portion is the one that becomes sol. in alkali only after HCl treatment. This represents a group of org. humates associated with Fe and Al.

I. S. Ioffe

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

VLADYCHENSKIY, S. A.

VLADYCHENSKIY, S. A. I. LEDELEVA, N. L.
33254. Stroenie Makroagregatov Nekotorykh Yuzhnykh Chernozemov I
Kashtanovykh Pochv. Pochvovedeniye, 1949, No. 10, c. 584-90-
Bibliogr: 10 Nazv.
SO: Letopis' Zhurnal'nykh Statey, Vol. 45, Moskva, 1949

VLADYCHENSKIY, S. A.

Reclamation of Land - Volga Valley

Problems of reclaiming the Volga-Aktyubinsk alluvial plain and delta. Vest. Mosk. un. 7
no. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1958. Unclassified.
2

1. VLADYCHENSKIY, S. A.
2. USSR (600)
4. Chernozem Soils - Don Valley
7. Origin of the structure of southern chernozem soils in the region of the lower Don river, Vest. Mosk. un., 7, No. 10, 1952.
9. Monthly List of Russian Accessions, Library of Congress, March, 1953. Unclassified.

Chemical Abst.
Vol. 48 No. 6
Mar. 25, 1954
Soils and Fertilizers

(1)

The character of salinization of the soils in the Volga-Akhtuba bottom lands and delta. S. A. Vladychenski (Moscow State Univ.). *Pochvovedenie* 1953, No. 6, 31-9.— It is shown that with the approach towards the delta the ground waters contain a higher salt content (chloride, sulfate, bicarbonate, Ca, Mg, Na, K). The silty types of soils are not as highly salinized as the meadow types. In the early stages of development the meadow soils do contain less salts. The concen. and type of salts in the Volga, as the waters infiltrate into the soil, undergo variations: the concen. increases; Ca content relatively decreases; alkali metals increase; a relative decrease of the bicarbonate ions, with an increase of these as the infiltrated waters become a part of the soil soln.; a relative increase of sulfate. J. S. Joffe

VLADYCHENSKIY, S.[A]

We are helping control the Volga-Akhtuba bottom lands. Vest.Mosk.
un. 8 no.12:131-133 D '53. (MIRA 7:2)

1. Nachal'nik Volgo-Akhtubinskoy ekspeditsii.
(Volga Valley--Alluvial lands)
(Alluvial lands--Volga Valley)

VLADYCHENSKIY, S. A.
USSR/Geophysics - Soil of Volga Region

FD-1249

Card 1/1 : Pub. 129-11/25

Author : Vladychenskiy, S. A. and Korenevskaya, V. Ye.

Title : Characteristics of the structure of soils of the Volga-Akhtuba
River Valley and Volga Delta.

Periodical : Vest. Mosk. un., Ser. fizikomat. i yest. nauk, 9, № 1, 83-92, Feb 1954

Abstract : Gives the porosity, amount of bound water, soil type, moisture content,
air space, etc. of various horizons at the Bugrist Delta, South Valley,
North Valley, Central Delta, etc. Concludes that the soils of the Volga-
Akhtuba Valley is in a comparatively early stage of soil development.
Recommends improvement of the soil structure.

Institution : Chair of Physics and Improvement of Soils

Submitted : June 27, 1953

VLADYCHENSKIY, S. A.

VLADYCHENSKIY, S. A. -- "Soil-Reclamation Characteristics of the Volga-Akhtuba Valley and the Volga Delta." Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov. Moscow, 1955. (Dissertation for the Degree of Doctor of Biological Sciences.)

SO: Knizhnaya letopis', No. 4, Moscow, 1956

Vladychenskiy, S.A.
USSR/Geophysics - Soil

FD-2174

Card 1/1 Pub, 129-14/20

Author : Vladychenskiy, S. A.

Title : Utilization of river-valley lands in the German Democratic Republic

Periodical : Vest, Mosk. un., Ser. fizikomat. i yest. nauk, 10, No 2, 115-120, Mar 1955

Abstract : In the German Democratic Republic there is a considerable amount of rivervalley land in agricultural use, especially lower Elba River and Oder River valley. The author describes the soil types in these two areas. Three references: S. Berger, Landeskultur und Provinzialverband, Merseburg, 1931; G. Koennecke, Versuchsbericht 1950-1952, Halle, 1953; H. Stremme, Die Boeden der Deutschen Demokratischen Republik, Berlin, 1952.

Institution : Chair of Physics and Soil Improvement

Submitted : July 19, 1954

Vladychenskiy, S.A.

BOLYSHEV, N.N.; VLADYCHENSKIY, S.A.; YEVDOKIMOVA, T.I.

Principles and approaches to an over-all study of soil cover.
Vest.Mosk.un.10 no.8:141-149 Ag '55. (MIRA 9:1)
(Soils)

VLADYCHENSKIY, S.A.

Salt and moisture cycles in leveed areas. Nauch. dokl. vys.
shkoly; biol. nauki no.2:221-225 '61. (MIRA 14:5)

1. Rekomendowana kafedroy fiziki i melioratsii pochv Moskovskogo
gosudarstvennogo universiteta im. M.V.Lomonosova.
(SOIL MOISTURE) (MINERALS IN SOIL)

VLADYCHENSKIY, S.A.; YAKOVLEVA, L.V.; LYU SYAO-I [Liu Hsiao-i]

Moisture evaporation from secondary turf-Podzolic soils in the
Darwin Preserve. Trudy DGZ no.7:71-85 '61. (MIRA 16:2)
(Soil moisture) (Darwin Preserve—Podzol) (Evaporation)

VIADYCHENSKIY, S.A.

Capillary rise of water in sandy soils of various moistures.
Pochvovedenie no.10:62-66 O '62. (MIRA 15:11)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
(Soil moisture) (Capillarity)

VLADYCHENSKIY, S.A.

Effect of valley reservoirs on areas adjacent to the
forebay and the afterbay. Vest. Mosk. un. Ser. 6:
Biol., pochv. 17 no.5:52-64 S-0 '62. (MIRA 15:11)

1. Kafedra fiziki i melioratsii pochv Moskovskogo
universiteta.

(Reservoirs)
(Soil formation)

VLADYCHENSKIY, S.A.

Effect of the Veselyy Reservoir on the soils of adjacent areas.
Pochvovedenie no.2:1-6 F '60. (MIRA 15:7)

1. Moskovskiy gosudarstvennyy universitet.
(Veselyy Reservoir region—Soils)

VLADYCHENSKIY, S.A.; Prinimali uchastiye: Korenevskaya, V. Ye.; YAKOVLEVA, L.V.;
LAVRENT'YEV, Yu. L.; RODIONOVA, V.I.; KACHINSKIY, N.A., prof.

Moisture conditions of soils in the Volga-Akhtuba Flood Plain
and Delta. Vest.Mosk. un. Ser.6: Biol., pochv. 16 no.3:73-80
(MIRA 14:6)

1. Kafedra fiziki i melioratsii pochv Moskovskogo gosudarstvennogo
universiteta.

{ Volga-Akhtuba Flood Plain—Soil moisture
{ Volga Delta—Soil moisture

VLADYCHENSKIY, S.A.

Methods of forecasting the rise of the ground-water level produced by artificial reservoirs of the forest zone. Nauch. dokl. vys. shkoly; biol. nauki no.4:196-202 '61. (MIRA 14:11)

1. Rekomendovana kafedroy fiziki i melioratsii pochv Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova.
(RESERVOIRS) (WATER, UNDERGROUND)

VLADYCHENSKIY, S.A.

Relation between the wetting capacity of sand and glass, and
moisture conditions. Vest.Mosk.un.Ser. 6: Biol., pochv. 15
no.1:69-73 '60. (MIRA 13:8)

1. Kafedra fiziki i melioratsii pochv.
(Wetting)

VLADYCHENSKIY, S.A.

Effect of excessive moisture on the shore soils of Rybinsk Reservoir.
Nauch.dokl.vys.shkoly; biol.nauki no.2:191-197 '60. (MIRA 13:3)

1. Rekomendovana kafedroy fiziki i melioratsii pochv Moskovskogo
gosudarstvennogo universiteta im. M.V. Lomonosova.
(RYBINSK RESERVOIR REGION--SOIL MOISTURE)

USSR / Soil Science. Cultivation. Melioration, Erosion. J

Abs Jour: Ref Zhur-Biol., No 21, 1958, 95781.

Author : Vladychenksiy, S. A.

Inst : Not given.

Title : Salt Cycle on the Rice Plots of the Volga Delta.

Orig Pub: Pochvovedeniye, 1957, No 4, 46-52.

Abstract: On the inundated rice fields in the southern part of the Volga-Akhtibinsk River valley and in the Volga delta, about 70% of the irrigation water is broken up in filtration. Along the border of the inundated fields, intensive filtration of the water occurs in a horizontal direction. The rate of filtration reaches maximum close to the flood checks and increases with depth. At a distance of 20-30 m from the flooded field, a horizontal filtration of the water is replaced

Card 1/2

USSR / Soil Science. Cultivation. Melioration, Erosion. J

Abs Jour: Ref Zhur-Biol., No 21, 1958, 95781.

Abstract: by an upward flow, which is accompanied by intensive evaporation and salinity of the soils of this strip. The content of salts in the first layer of soil here reaches 258 t/ha with a width of the strip of about 30 m. Chlorides predominate over sulfates. Within this strip, salinity is sharply reduced. After freeing the rice field from water, a flow-off of salts is observed from the zone of maximal salinity to the field. An upward flow of salts to the surface of the field occurs, and it is somewhat saline. However, the salinity of the area formerly under water does not reach the volume of salinity of its periphery. In the absence of a natural outlet for the rice fields, it is recommended to build a drainage network around it for the detention and shedding of filtered saline ground waters. -- S. A. Nikitin.

Card 2/2

VLADYCHENSKIY, S.A.; KOZLOVSKAYA, V.N.

Water retaining capacity of some soil types in the region of the
future Lower Kama Hydroelectric Power Station. Nauch.dokl.vys.
shkoly;biol.nauki no.4:174-178 '58. (MIRA 11:12)

1. Rekomendovana kafedroy fiziki i melioratsii pochv Moskovskogo
gosudarstvennogo universiteta imeni M.V.Lomonosova.
(Lower Kama Hydroelectric Power Station region--Soil moisture)

Vladychenskiy, S.A., doktor sel'skokhozyaystvennykh nauk

Effect of water reservoirs on soils. Priroda 47 no.10:93-96
O '58. (MIRA 11:11)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
(Reservoirs) (Soil moisture)

Vladyshevskiy, S.A.

Comments on the problem pertaining to the types of water balance.
Pochvovedenie no. 6:118-119 Je '58. (MIRA 11:7)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
(Soil moisture)

SOV-26-58-10-21/51

AUTHOR: Vladychenskiy, S.A., Doctor of Agricultural Sciences

TITLE: The Effect of Reservoirs on Soils (Vliyaniye vodokhranilishch na pochvy)

PERIODICAL: Priroda, 1958, Nr 10, pp 93-96 (USSR)

ABSTRACT: The Kafedra fiziki i melioratsii pochv (The Department of Soil Physics and Melioration) of the Moscow State University imeni M.V. Lomonosov has been carrying out research on the effect that reservoirs and storage lakes exert on the surrounding soils. The direct effect zone, caused by infiltration of the soil, has a radius of 300 - 400 m from the shore of the reservoir; in the zone of indirect effect, extending up to the natural watershed, the humidity of the soil is increased since the reservoir blocks the ground moisture flow, raising its level and slowing down its rate of flow. Three progressive soil belts are formed round the reservoir: 1) by swamping, 2) formation of water meadows, 3) by gleying. Swamping occurs in the direct effect zone by underground flooding and here agriculture is impossible. Its extent can be limited by digging drainage canals at strategic points around the reservoir. The adjacent water meadow zone

Card 1/2

-The Effect of Reservoirs on Soils

SOV-26-58-10-21/51

is suitable for hydrophytic agricultural plants which also help to dry out the soil. With proper care the gleaming zone presents no hindrance to agriculture and quite high yields can be obtained from it.

There are 2 photos and 1 schematic diagram.

ASSOCIATION: Moskovskiy Gosudarstvennyy universitet imeni M.V. Lomonosova
(Moscow State University imeni M.V. Lomonosov)

1. Soils--Moisture factors
2. Water--Storage

Card 2/2

VLADYCHENSKIY, S. A.

Soil salt content in rice fields of the Volga River Delta.
Pochvovedenie no.4:46-52 Ap '57. (MIRA 10:7)

1. Moskovskiy gosudarstvennyy universitet.
(Volga Valley--Minerals in soil)

VLADYCHENSKIY, Sergey Aleksandrovich; SOKOLOVA, N.A., red.; YERMAKOV,
M.S., tekhn.red.

[Practice lessons in land improvement] Prakticheskie zaniatiia
po melioratsii pochv. Moskva, Izd-vo Mosk.univ., 1960. 165 p.
(MIRA 14:4)

(Drainage) (Irrigation) (Soil conservation)

VLADYCHIN, I.V.; KRAVETS, N.P.

Oxygen therapy in ascariasis late at night. Med. paraz. i paraz.
bol. 32 no.5:624 S-0'63 (MIRA 16:12)

1. Iz kafedry obshchey terapii (zav. - dotsent N.P.Kravets)
Ivano-Frankovskogo meditsinskogo instituta (rektor- dotsent
G.A.Babenko).

VLADYCHIN, S.A.

Humidifiers for aging apparatuses. Tekst. prom. 17 no.3:51 Mr '57.
(Textile finishing) (MLRA 10:4)

VLADYCHIN, Yu.N.

Introducing mechanization and automation in light industry
of the Estonian S.S.R. Mekh.i avtom.proizv. 16 no.11:41-44
N '62. (MIRA 15:12)

1. Zamestitel' predsedatelya soveta narodnogo khozyaystva
Estonskoy SSR.
(Estonia--Technological innovations)
(Automation)

L 3520-66 EWT(m)/EWP(i)/EWP(j)/EWP(t)/EWP(b) JD/RM

AM5013212

BOOK EXPLOITATION

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44,57

Col'dberg, M. M. (Candidate of Technical Sciences); Vladychina, YE. N. (Engineer);
Yakubovich, S. V. (Candidate of Technical Sciences), eds.

Handbook on lacquer coating in the machine industry (Spravochnik po lakokrasochnym pokrytiyam v mashinostroyenii) Moscow, Izd-vo "Mashinostroyeniye", 1964.
475 p. illus., biblio. Errata slip inserted. 9500 copies printed.

TOPIC TAGS: lacquer, corrosion inhibitor, rust inhibitor, specialized coating,
working condition, safety engineering, fire protection

PURPOSE AND COVERAGE: The book is a handbook which contains information on
lacquer and test of lacquers. It also describes the technical characteristics
and designs of plants engaging in basic lacquering and drying processes. The
book is designated for engineering and technical workers of lacquering shops
in machine building industry and for planning organizations.

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Ch. V. Application methods of lacquer materials -- 228
Ch. VI. Drying of lacquer coatings -- 346
Ch. VII. Treatment methods of lacquer coatings -- 290
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Ch. IX. Testing methods of lacquer materials and coatings -- 424
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Appendix 1. Permissible concentration of harmful gases, fumes and dust in the working area air of production premises -- 471
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Card 2/3

L 3520-66

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SUB CODE: MT, GO

SUBMITTED: 31Oct64

NO REF SOV: 049

OTHER: 000

PC
Card 3/3

VLADYCHINA, Ye.N.; GOTS, V.L.; SEREBRYANIKOV, S.N.

Method of testing the electrostatic atomizer for electrostatic
spray painting systems. Lakokras.mat.i ikh prim. no.5:40-44
'62. (MIRA 16:1)
(Spray painting, Electrostatic--Equipment and supplies)

VLADYCHINA, Ye. N.; BREDIS, E.E.; SHREDER, A.G.

Protection from staining of supporting devices used in
the electrostatic painting of articles. Lakokras. mat.
i ikh prim. no.3:27-33 '61. (MIRA 14:6)
(Painting, Industrial)

DORRENDORF, V.I.; D'YAKOVA, B.B.; VLADYCHINA, Ye.N.

Spraying of nitrocellulose and perchlorovinyl lacquer and paint
materials in the electric field. Lakokras.mat.i ikh prim. no.3:
56-60.'62. (MIEA 15:7)

(Spray painting, Electrostatic)

BUGLAY, Boris Martynovich, prof., doktor tekhn.nauk; SLUTSKIY, S.B.,
inzh., retsenzent; VLADYCHINA, Ye.N., red.; SEDOVA, Z.D.,
red. izd-va; GRECHISHCHEVA, V.I., tekhn. red.

[Technology of wood finishing]Tekhnologiya otdelki drevesiny.
Moskva, Goslesbumizdat, 1962. 349 p. (MIRA 16:3)
(Wood finishing)

VLADYCHINA, E. N.

Drying of lacquer and paint films by induction currents.
E. N. Vladychina. *Byull. Malyarnol Tekh.* 1938, No. 4-5,

13-6; *Khim. Referat. Zhur.* 2, No. 5, 111 (1939). --At 200° the time of drying of enamel paints, lacquers and primers in the induction drier is reduced by approx. 20-30% as compared with drying in a thermostat. Drying at above 200° effects a great saving in time. An increase of the temp. to 280° reduces the time of drying of the surface to 3-5 min. Films dried at 200° have an even, smooth surface without warping and bubbles and with a normal gloss. Above 200° there is a considerable decrease of gloss. The films dried in an induction drier are considerably harder than those dried in a thermostat. The resistance to water and to mineral oil is also increased. The induction drier is described. W. R. Henn

Z/011/62/019/003/004/004
E112/E353

AUTHORS: Nosov, S.P., Dorrendorf, V.I. and Vladychina, Ye.N.

TITLE: Measurement of the specific volume resistivity of
paints used for spraying in an electrostatic field

PERIODICAL: Chemie a chemická technologie; Přehled technické
a hospodářské literatury, v.19, no. 3, 1962, 136,
abstract Ch 62-1860 (Lakokras. materialy, no. 5,
1961, 54 - 57)

TEXT: For evaluating paints used for spraying in an
electrostatic field it is essential to determine the specific
volume resistance. The author recommends some Soviet-produced
metering instruments (instrument MOM-4, etc.). The instruments
are fitted with polytetrafluoroethylene electrodes. The theory
on which the measurements are based is described and resistance
values are calculated. There are 2 photographs, 7 schematic
diagrams.

[Abstracter's note: Complete translation.]

Card 1/1

✓

VETUKHNOVSKIY, Z.B., inzh.; VLADYCHINA, Ye.N., inzh.; GUBENSKIY, V.A.,
inzh.; DORRENDORF, V.I., inzh.; SEREБRYANIKOV, S.N., inzh.;
SOLIYENKO, V.O., inzh.; TIMOKHOV, Ye.P., inzh.; TYURIN, V.P.,
vedushchiy inzh.; BOROVIKOV, B.A., red.; KUPTSOV, A.P., tekhn.red.

[Painting in a high voltage electric field] Okraska v elektri-
cheskom pole vysokogo napriazheniya. Moskva, Tsentral'noe biuro
tekhn.informatsii, 1958. 63 p. (MIRA 12:7)

1. Russia (1917- R.S.F.S.R.) Moskovskiy gorodskoy ekonomicheskiy
administrativnyy rayon. Sovet narodnogo khozyaystva. 2. Tsentral'-
naya nauchno-issledovatel'skaya laboratoriya Vsesoyuznoy proizvod-
stvennoy kontory "Lakokraspokrytiye" (for Vetukhnovskiy, Vladychina,
Gubenskiy, Dorrendorf, Serebryanikov, Soliyenko, Timokhov).
(Spray painting)

VLADYCHINA, E. N.

Drying of lacquer and paint films by induction currents.
E. N. Vladychina. Byull. Matydrinal Tekh. 1938, No. 4-5.

(U.S.) Khim. Referat. Zhur. 2, No. 5, 114 (1939). - At 200° the time of drying of enamel paints, lacquers and primers in the induction drier is reduced by approx. 20-30% as compared with drying in a thermostat. Drying at above 200° effects a great saving in time. An increase of the temp. to 280° reduces the time of drying of the surface to 3-5 min. Films dried at 200° have an even, smooth surface without warping and bubbles and with a normal gloss. Above 200° there is a considerable decrease of gloss. The films dried in an induction drier are considerably harder than those dried in a thermostat. The resistance to water and to mineral oil is also increased. The induction drier is described. W. R. Henn

15(7)

PHASE I BOOK EXPLOITATION

SOV/2992

RSFSR. Moskovskiy gorodskoy ekonomicheskiy rayon. Sovet narodnogo
khozyaystva

Okraska v elektricheskom pole vysokogo napryazheniya (Painting In
inform., 1958. 63 p. (Series: Dostizheniya nauki i tekhniki)
Errata slip inserted. 4,500 copies printed.

Compilers (Specialists, Central Scientific Research Laboratory of the
All-Union Industrial Bureau "Lakokraspokrytiye): Z. B.
Vetukhnovskiy, Engineer, Ye. N. Vladychina, V. A. Gubenskiy,
Engineer, V. I. Dorrendorf, Engineer. S. N. Serebryanikov,
Engineer, V. O. Soliyenko, Engineer and Ye. P. Timokhov, Engineer,
Executive Engineer: V. F. Tyurin; Ed.: B. A. Borovikov; Tech.
Ed.: A. P. Kuptsov.

PURPOSE: This book is intended for workers, technicians, and
engineers engaged in the manufacture, application, and develop-
ment of equipment for spray painting in high voltage electric
fields.

CARD 1/5

Painting (Cont.)

SOV/2992

COVERAGE: The authors analyze the industrial and economic problems of spray painting in high voltage electric fields. The book treats the nature and theoretical principles of the spray painting method, verified design specifications for spray painting equipment, and data on the manufacture and operation of such equipment. It also includes information on the experimental work carried out by the TsNIL (Central Scientific Research Laboratory) in this field. No references are given.

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TM/mmh
1-28-60

VLADYCHINA, Ye.N.; SEREBRYANIKOV, S.N.; SHELEKHINA, A.L.

Electric properties of paint materials and the optimum conditions
of their spraying in the electric field. Lakokras. mat. i ikh
prim. no.4:32-36 '63. (MIRA 16:10)

IVANOV, V.I.; VLADYCHINA, Ye.N.; VETUKHNOVSKIY, Z.B.

Tasks of the Scientific Research Institute of the technology of
Lacquer and Paint Application (NITLP) as seen in the light of
the resolutions of the December (1963) Plenum of the Central
Committee of the CPSU. Lakokras.mat. i ikh prim. no.2:1-2 '64.
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Vladychina, Ye. N.

15(7)

PHASE I BOOK EXPLOITATION

SOV/2992

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Okraska v elektricheskem pole vysokogo napryazheniya (Painting In A High Voltage Electric Field) Moscow, Tsentr. byuro tekhn. inform., 1958. 63 p. (Series: Dostizheniya nauki i tekhniki) Errata slip inserted. 4,500 copies printed.

Compilers (Specialists, Central Scientific Research Laboratory of the All-Union Industrial Bureau "Lakokraspokrytiye"): Z. B. Vetukhnovskiy, Engineer, Ye. N. Vladychina, V. A. Gubenskiy, Engineer, V. I. Dorrendorf, Engineer. S. N. Serebryanikov, Engineer, V. O. Soliyenko, Engineer and Ye. P. Timokhov, Engineer, Executive Engineer: V. F. Tyurin; Ed.: B. A. Borovikov; Tech. Ed.: A. P. Kuptsov.

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1-28-60

NOSOV, S.P.; DORRENDORF, V.I.; VLADYCHINA, Ye.N.

Measuring volume resistivity of paint materials used in an electric field. Lakokras. mat. i ikh prim. no.5:54-57 '61. (MIRA 15:3)
(Paint machinery) (Paint materials)

Country : USSR
Category: Cultivated Plants. Fruits. Berries.

M

Abs Jour: RZhBiol., No 22, 1958, № 100469

Author : Vladychuk, L....

Inst : AS TurkmenSSR

Title : The Influence of ..grotechnical Measures on
the Time and the Number of the Starts of the
Flower Buds in Almonds In the Conditions of
Southwestern Turkmenia.

Orig Pub: Izv. AN TurkmenSSR, 1957, № 6, 32-35

Abstract: Experiments carried out at Turkmen Scientific
Research Institute of Agriculture showed that
the largest number of flower buds formed upon
application of NPK + manure; a somewhat smaller
number - upon application of P+ manure. ..appli-

Card : 1/3

M-172

Country : USSR
Category: Cultivated Plants. Fruits. Berries.

M

Obs Jour: RZhBiol., No 22, 1958, No 100469

cation of only K, P or manure did not produce any effect on the start of the flower buds. Application of manure delayed blossoming by 7 days; application of NPK + manure - by 3 days; P + manure - by 1 day. Application of P and K did not show any effect on the dates of blossoming. An increase in the number of waterings from 1 to 3 per month produced an increase in the number of started flower buds by 1½ times and a delay of 10 days in blossoming. The summer pruning of the shoots produced a delay of 12 days in the beginning of blossoming. Trees pruned early

Card : 2/3